Dan Mopsick

Dr. Juan Arias

Software Development 1

March 15 2017

Lab 6 UML Diagrams

9.1

Rectangle
-   width: double   -   height: double
+   getArea(): double   +   getPerimeter(): double   +   getWidth(): double   +   getHeight(): double

9.7

Account
-   id: int   -   Balance: double   -   annualinterestRate: double   -   dateCreated : Date
+   withdraw(): void   +   deposit(): void   +   getId(): int   +   getBalance(): int   +   getAnnualinterestRate(): double   +   getMonthlyInterestRate(): double   +   getMonthlyInterest(): double   +   getDateCreated(): Date   +   setId(int id): void   +   setBalance(double balance): void   +   setAnnualInterestRate(double annualInterestRate): void

9.11

LinearEquation
- a: double   - b: double   - c: double   - d: double   - e: double   - f: double
+ getA(): double   + getB(): double   + getC(): double   + getD(): double   + getE(): double   + getF(): double   + isSolvable(): boolean   + getX(): double   + getY(): double

9.13

Location
+ row: int   + column: int   + maxValue: double

Test Location
locateLargest(double[][] a): Location